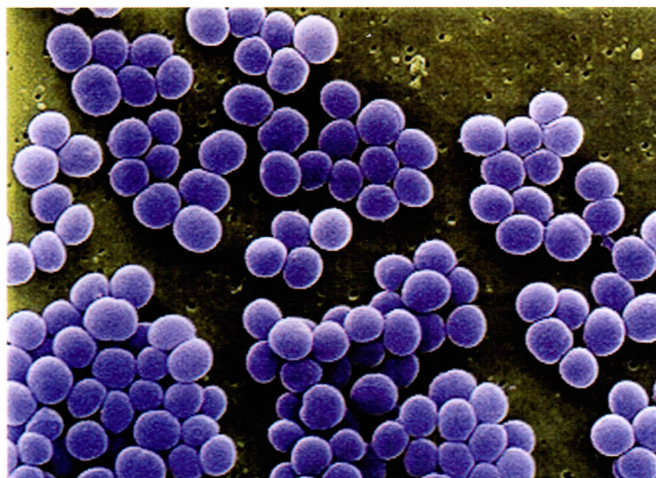


STUDY TITLE: Germicidal and Detergent Sanitizing Action of Disinfectants

PROJECT NUMBER: A09385

PATHOGEN TESTED: *Staphylococcus aureus* (ATCC 6538)



Some strains of *Staphylococcus aureus* produce an enterotoxin that is the causative agent of *Staphylococcus aureus* gastroenteritis. Symptoms include nausea, vomiting, diarrhea, and major abdominal pain.

ANALYSIS

Enagic Super 501 Strong Acidic Water 2.5 pH, Machine 1 (Serial #: 87100333) Lot # 1 and Machine 2 (Serial #: 87100339) Lot # 2 with pre-filter C-1000, demonstrated a >99.999 percent reduction of *Staphylococcus aureus*, following a 30 second exposure time at room temperature (20.0°C) in the presence of a 5% fetal bovine serum organic soil load.

SUMMARY OF RESULTS

Test Substance: Enagic Super 501 Strong Acidic Water 2.5 pH, Machine 1 (Serial #: 87100333) Lot # 1 and Machine (Serial #: 87100339) Lot # 2 with pre-filter C-1000

Test Organism: *Staphylococcus aureus* (ATCC 6538)

Exposure Time: 30 seconds

Exposure Temperature: Room temperature (20.0°C)

Organic Soil Load: 5% fetal bovine serum

EFFICACY RESULTS

Enagic Super 501 Strong Acidic Water 2.5 pH demonstrated efficacy of two lots against *Staphylococcus aureus*, and therefore, meets the requirements set forth by the U.S. EPA for sanitizer label claims following a 30 second exposure time at room temperature (20.0°C) in the presence of a 5% fetal bovine serum organic soil load.